

INTERNATIONAL SEARCH REPORT

In - al Application No
PCT/DK 03/00417

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68 C12N15/10 //C12P21/02, C07H21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q C12N C07H C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00 23458 A (UNIV LELAND STANFORD JUNIOR) 27 April 2000 (2000-04-27) page 1 -page 3, line 30 ---	1-10
Y	US 5 723 598-A (BRENNER SYDNEY ET AL) 3 March 1998 (1998-03-03) column 1 -column 3, line 1 ---	1-10
Y	SUMMERER D-ET AL: "DNA-TEMPLATED SYNTHESIS: MORE VERSATILE THAN EXPECTED" ANGEWANDTE CHEMIE. INTERNATIONAL EDITION, VERLAG CHEMIE. WEINHEIM, DE, vol. 41, no. 1, 4 January 2002 (2002-01-04), pages 89-90, XP001170352 ISSN: 0570-0833 the whole document ---	1-10 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

Date of mailing of the international search report

3 February 2004

10/02/2004

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PCT/DK 03/00417

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	BRUICK R K ET AL: "TEMPLATE-DIRECTED LIGATION OF PEPTIDES TO OLIGONUCLEOTIDES" CHEMISTRY AND BIOLOGY, CURRENT BIOLOGY, LONDON, GB, vol. 3, no. 1, January 1996 (1996-01), pages 49-56, XP000856876 ISSN: 1074-5521 the whole document ---	1-10
Y	WALDER J A ET AL: "COMPLEMENTARY CARRIER PEPTIDE SYNTHESIS: GENERAL STRATEGY AND IMPLICATIONS FOR PREBIOTIC ORIGIN OF PEPTIDE SYNTHESIS" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE, WASHINGTON, US, vol. 76, no. 1, January 1979 (1979-01), pages 51-55, XP000857351 ISSN: 0027-8424 the whole document ---	1-10
Y	EP 0 778 280 A (ISIS INNOVATION) 11 June 1997 (1997-06-11) figures 4,5; example 17 ---	1-10
Y	WO 96 41011 A (SPECTRAGEN INC) 19 December 1996 (1996-12-19) figure 3 ---	1-10
Y	LOCKHART D J ET AL: "EXPRESSION MONITORING BY HYBRIDIZATION TO HIGH-DENSITY OLIGONUCLEOTIDE ARRAYS" BIO/TECHNOLOGY, NATURE PUBLISHING CO. NEW YORK, US, vol. 14, no. 13, 1 December 1996 (1996-12-01), pages 1675-1680, XP002022521 ISSN: 0733-222X the whole document ---	1-10
Y	WO 97 27317 A (CHEE MARK ; LAI CHAOQIANG (US); LEE DANNY (US); AFFYMATRIX INC (US)) 31 July 1997 (1997-07-31) figures 12-15 ---	1-10
Y	WO 99 42605 A (SCHWABACHER ALAN W) 26 August 1999 (1999-08-26) page 2, line 11 - line 16 ---	1-10
A	WO 94 08051 A (READER JOHN C ; STILL W CLARK (US); UNIV COLUMBIA (US); COLD SPRING) 14 April 1994 (1994-04-14) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK 03/00417

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0023458	A	27-04-2000	AU CA EP WO	1318400 A 2346989 A1 1123305 A1 0023458 A1		08-05-2000 27-04-2000 16-08-2001 27-04-2000
US 5723598	A	03-03-1998	US US AT AU AU CA CA DE DE DK EP ES JP WO	5573905 A 6060596 A 193561 T 685050 B2 3944993 A 2132103 A1 69328781 D1 69328781 T2 643778 T3 0643778 A1 2147197 T3 7505530 T 9320242 A1		12-11-1996 09-05-2000 15-06-2000 15-01-1998 08-11-1993 14-10-1993 06-07-2000 26-04-2001 07-08-2000 22-03-1995 01-09-2000 22-06-1995 14-10-1993
EP 0778280	A	11-06-1997	EP AT AT AU AU CA CN DE DE DE DK EP ES FI WO HU JP JP NO RU US US US US	0778280 A2 159767 T 230409 T 695349 B2 7269194 A 2168010 A1 1131440 A ,B 69406544 D1 69406544 T2 69431967 D1 711362 T3 0711362 A1 2108479 T3 960403 A 9504160 A1 73802 A2 3289911 B2 9501830 T 960370 A 2158310 C2 2002115091 A1 5770367 A 2001031472 A1 6218111 B1		11-06-1997 15-11-1997 15-01-2003 13-08-1998 28-02-1995 09-02-1995 18-09-1996 04-12-1997 26-02-1998 06-02-2003 22-12-1997 15-05-1996 16-12-1997 29-01-1996 09-02-1995 30-09-1996 10-06-2002 25-02-1997 28-03-1996 27-10-2000 22-08-2002 23-06-1998 18-10-2001 17-04-2001
WO 9641011	A	19-12-1996	US AU AU CA CA CN CZ EP HU JP NO PL WO AU	5635400 A 718357 B2 6102096 A 2222581 A1 2332731 A1 1193357 A 9703926 A3 0832287 A1 9900910 A2 11507528 T 975744 A 324000 A1 9641011 A1 712929 B2		03-06-1997 13-04-2000 30-12-1996 19-12-1996 19-12-1996 16-09-1998 17-06-1998 01-04-1998 28-07-1999 06-07-1999 05-02-1998 27-04-1998 19-12-1996 18-11-1999

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte
rial Application No

PCT/DK 03/00417

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9641011	A	AU	4277896 A	06-05-1996
		AU	7717596 A	30-04-1997
		CA	2202167 A1	25-04-1996
		CZ	9700866 A3	17-09-1997
		EP	0793718 A1	10-09-1997
		EP	0931165 A1	28-07-1999
		FI	971473 A	04-06-1997
		JP	10507357 T	21-07-1998
		NO	971644 A	02-06-1997
		US	6280935 B1	28-08-2001
		WO	9713877 A1	17-04-1997
		US	6235475 B1	22-05-2001

WO 9727317	A	31-07-1997	AU 2253397 A	20-08-1997
			EP 0880598 A1	02-12-1998
			JP 2002515738 T	28-05-2002
			WO 9727317 A1	31-07-1997
			US 2003180757 A1	25-09-2003
			US 2003064364 A1	03-04-2003
			US 6344316 B1	05-02-2002
			US 2002165372 A1	07-11-2002

WO 9942605	A	26-08-1999	US 2002006604 A1	17-01-2002
			AU 2871299 A	06-09-1999
			CA 2321111 A1	26-08-1999
			EP 1056882 A1	06-12-2000
			JP 2002540380 T	26-11-2002
			WO 9942605 A1	26-08-1999

WO 9408051	A	14-04-1994	AT 244769 T	15-07-2003
			AU 716621 B2	02-03-2000
			AU 4525897 A	12-02-1998
			AU 686579 B2	12-02-1998
			AU 5536994 A	26-04-1994
			CA 2143848 A1	14-04-1994
			DE 69333087 D1	14-08-2003
			DK 665897 T3	20-10-2003
			EP 0665897 A1	09-08-1995
			HU 72495 A2	28-05-1996
			IL 107166 A	31-10-2000
			JP 8506175 T	02-07-1996
			NO 951230 A	30-03-1995
			WO 9408051 A1	14-04-1994
			US 5565324 A	15-10-1996
			US 5968736 A	19-10-1999
			US 5721099 A	24-02-1998
			US 5789172 A	04-08-1998
			US 6503759 B1	07-01-2003
